Results of the 2024 CQ WW RTTY Contest

By Chris Tate N6WM

Solar peak conditions continue to define contesting with great propagation and big scores. This run of the CQWW RTTY contest was no exception, delivering a great playing field for RTTY operators around the world to compete in the largest of all RTTY contests in amateur radio. There were 3,431 entries, slightly higher than last year, and a couple hundred logs below the peak in 2020 during Covid.

"Great year! 10,15, 20 all open to EU and SA for extended periods, best conditions in a lot of years." – Charlie, AC7JW

	Continent							
Metric	AF	AS	EU	NA	OC	SA	ALL	2023
Logs	18	362	1,778	1,019	115	139	3,431	3,357
Operators	29	388	2,107	1,145	126	160	3,955	3,800
DXCC	9	24	55	17	6	13	124	122
Zones	4	10	3	9	6	5	37	36
States & Provinces	-	-	-	58	-	-	58	55
Reported QSOs By Band (Post Log Checking)								
80M	744	1,093	56,799	18,705	16	35	77,392	75,374
40M	2,730	7,056	132,161	61,088	940	1,305	205,280	211,439
20M	5,461	14,314	181,246	95,648	4,577	9,204	310,450	316,829
15M	6,419	33,915	175,024	134,940	7,551	14,260	372,109	362,844
10M	9,656	42,463	127,466	113,381	8,962	26,124	328,052	214,187
All	25,010	98,841	672,696	423,762	22,046	50,928	1,293,283	1,180,673
Average Productivty								
QSOs/Log	1,389	273	378	416	192	366	377	352
QSOs/Opr	862	255	319	370	175	318	327	311

Table 1 – 2024 CQ WW RTTY Statistics by Continent

"I am very happy with the results of this year, every year I try to give the best I can but this year I have dedicated a little more effort and the propagation has helped more." --Francis, EA3FZT

Francis EA3FZT operated as EF3T taking home the European Single Operator Low Power trophy

Let's take a look at some of the notable races on the bands along with some stories and records.

Single Operator All Bands High Power

Manu LU9ESD operating the Maine superstation K1LZ took top honors in the SOAB HP category, producing an new category North American record and besting a valiant effort by Randy K5ZD. This original category that allows no spotting assistance requires lots of agility and strategy to track down multipliers across the bands. Bringing up the third position was Yuri VE3DZ in Ontario Canada who set a new Canada record in this category. The European winner was Milos S53X with an overall 6th place position. The South American winner was ZY2N operated by Wanderly PY2MNL in Brazil in the 4th position worldwide.

Single Operator All Bands HP Assisted

Serge M0SDX had a commanding world record breaking win in the high power assisted category, operating as P3X from Cyprus. Pulling in on top of a horse race for second position was Victor UR5MW operating as UW1M, with Bud AA3B in PA USA also cracking the 7 million point mark handing and the USA win. This is a very competitive category as it seems RTTY operators are more willing to use spotting assistance to track down elusive multipliers.

Congratulations to the stations achieving Overall All-band World Records in 2024

P3X(M0SDX op) Single Operator All Band Assisted High Power

CR3DX – Multi Operator two transmitter

IQ6AN-Mult-Single lower power

RG4A – Classic Low Power

Single Operator All Bands Low Power

Andy UB7K had an overwhelming performance taking top SOAB LP honors with 3 times the score of second position Portuguese station Mike CT7BJG who very narrowly pushed Guilherme PY2UD into 3rd position. The top North American finisher was Eric VE6BBP in Alberta at 6th overall. The top US station was Fred KG9X in 8th overall.

RTTY contesting stories -- Wine and RTTY? Why not!

Is there a correlation between Vintners and RTTY? One cannot deny the possibility. CQ WW RTTY Contest Director W0YK maintains the excellent Muns vineyard at his Northern California QTH. Jeff WK6I, the top RTTY operator at Nevada superstation W7RN has produced quite a bit of wine as well - also from Northern CA. (editors note, WK6I is the club trustee of call WI6NE.) In this case, Dimitri F4DSK shared the CQ WW RTTY contest operation with his Sancerre harvest in France and despite all that work n the vineyard still managed the top Low power position in the contest.

"Like last year, the contest fell during the harvest in our area (PDO Sancerre). So I had to prepare for the contest earlier and the mental preparation was a little bit distracted by the work which took me 12 to 14 hours per day (including the day before the contest).

To achieve my goal, like last year, I decided to focus on hunting the multipliers and 3-points QSOs. When you are in the assisted low power category, from Europe, the QSO rate is often better doing S&P --> thanks to the skimmers. In this case S&P can be called C&S : "Click & Shoot" and it represents about 80% of the QSOs in my log on the high bands and 40% on the low bands.

I'm always surprised how easy it is to work many European countries via backscatter on 15 & 10 m, this allows the number of mults to significantly increase ; sometimes I had to wait until the wall of US stations was calmer and come back later.

And..., once the contest was over, the harvest resumed after 3 hours of sleep..." –Dimitri F4DSK operating as TM3Z

Dimitri F4DSK taking a break from his wine harvest to work the CQWW RTTY contest from TM3Z

Single Operator Low Power Assisted

Dimitri F4DSK operating as TM3Z took top honors in the low power category with a solid lead over second place in EU and overall EE4Y (Pablo EA4GOY op). Bringing in the 3rd position overall and top honors for the US was Rick KI1G out of Rhode Island.

More Categories

One of the great advantages of CQ contests are the various subcategories such as Rookie, Classic, Triband Wires, and Youth, as well as Single Band categories that are hugely popular that allow for a wide range of competitions. I'll mention a couple here, but please make sure you check the results and records tables to see all the great competitions in these categories.

Congratulations to the following single band and overlay world record achievements

D4L(IK2NCJ op) – Single operator Single Band High power 10 meters

FY5KE (F5UII op) – Single operator Single Band Assisted 15 meters

OM2ADM- Rookie Low Power

	Continent							Average per Entry		
2024 Category	AF	AS	EU	NA	OC	SA	All	Op Time (Hours)	Score Reduction	All 2023
High Power Overlay Entries										
Classic	2	17	42	42	4	2	109	15	10%	140
Rookie	0	0	5	1	3	0	9	15	9%	10
Youth	0	0	3	1	0	0	4	12	10%	11
Low Power Overlay Entries (Includes QRP)										
Classic	2	24	193	107	12	16	354	12	11%	357
Rookie	0	2	27	9	0	4	42	11	10%	42
Youth	0	1	8	5	1	0	15	13	8%	20

Overlay entry statistics

Classic High Power

The Classic overlay continues to become more competitive as its short format makes it attractive for those who have difficulty with full-time chair commitments.

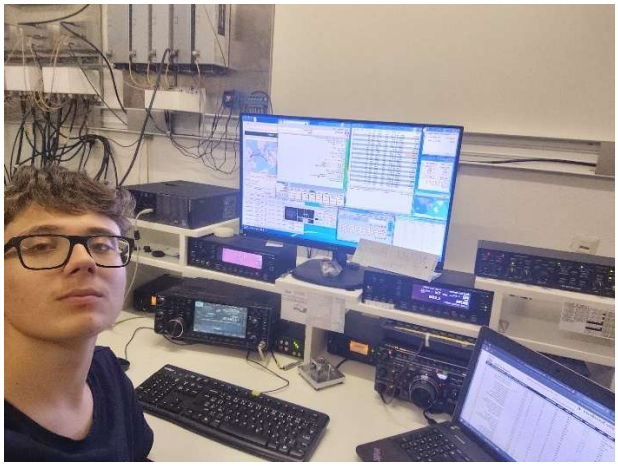
Anton EA8BW operating as ED8M took advantage of his Canary Island location in North Africa to nudge ahead in a close race with Robert KI6DY in Ohio who will take the US win in category

Classic Low Power

Dirk ON4CT narrowly bested Luis EA3CI for the top low power spot. Fred KG9X also entered this overlay so takes the top NA position, with Peter VA1XH taking top Canadian honors and 4th overall.

A rookie with a good run!

18 year old Adam OM2ADM participated in this contest for the first time, and what a start he had! He was operating the well-equipped Slovak Republic OM8A station and was able to take top low power Rookie honors, set a new rookie world record as well as landing 6th place in the world for Low power assisted! We welcome Adam to the CQWW RTTY contest community and congratulate him on a great start!



18 y/o Adam OM2ADM Low power Rookie overlay winner

Single Operator All Bands QRP

Solar peaks can have a dramatic impact on scores in this category, and since we are riding high on the cycle 25 wave, we have had some good finishes in this category.

The first-place world win goes to Dave K2YG. Not a huge surprise as he is a QRP RTTY enthusiast and has a large DXCC tally and has even worked 165 countries with 1 watt! Second place goes to EE3O operated by another digital QRP enthusiast, Santi EA3O.

Single Operator All Band Assisted QRP

In a great showing of both great operating and taking advantage of Solar Peak conditions, Arvydas LY2F delivered a dominating performance in the assisted QRP category achieving a 1.6 Million point score, 1.2 million higher than second place station Agustin EA2AZ. Top US honors go to Jim W7RY out of MO.

Multi-Operators

The battle of the RTTY superstations has logs of familiar calls. Multi-op RTTY contesting strategy has a somewhat different dynamic than single-op at the competitive level, where replacing multi-band SOxR is typically done with many operators and use of in-band stations are used to produce monster scores.

	Continent							Average per Entry	
2024 Category	AF	AS	EU	NA	OC	SA	All	Op Time (Hours)	Score Reduction
Multi-Single HP	0	2	31	11	2	4	50	32	11%
Multi-Single LP	0	4	25	9	0	2	40	26	12%
Multi-Two	1	1	15	8	2	0	27	38	9%
Multi-Multi	1	2	7	5	1	1	17	40	10%
Explorer-Multi	0	0	4	0	0	0	4	33	15%

Multi-operator Entry Statistics by Continent

Multi-Multi

Leading the pack in this category at their "perfect for contesting" Madeira QTH was CR3W, one of two Madeira stations to enter in different Multi-op categories. Their nearly 15m point score was enough to edge out familiar Croatian station 9A1A. The top North American station was once again achieved by team K1SFA operating the MA superstation K1TTT, a great team, QTH and station with a history of success in CQWW RTTY.

Multi-Operator Two-Transmitters

Multi-Two is arguably one of the most competitive multi-op categories in the contest. Many impressive stations enter. On top with a world record breaking performance was CR3DX, the second Madeira zone 33 station team to enter from the Island, both of which won their categories. They were a full 7 M points ahead of second place team EI7M in Ireland. Top North American honors go to team NJ4P who's now mature station in TN is competing head-to-head successfully with US Multi-two mainstay station owned by Craig K9CT, in this case a nail biter win for NJ4P by just 400k, a narrow win with both stations well over 8M pts.

Multi-Single

This category is broken out into High Power and Low Power categories.

Mult-Single High Power

The IP4M contest team won an Italian shootout for first place, beating Second position IB9T in Sicily by less than a Million pts. Top North American honors go to Val and the familiar team NV9L with just under 4 million points.

Multi-Single Low Power

The low power category was narrowly won and world record achieved by another Italian contest group, IQ6AN, in an extremely tight race with Puerto Rican station owned by Paul NP3Y. This was a very close race. Top North American honors go to Ontario effort spearheaded by Rudy VE3EID, and USA winning team lead by Mike KA4RRU.

Club competition

The Bavarian contest club once again took the overall world club competition title with 114 logs submitted, besting the Italian DX club who submitted 127 logs.

In the United States, the Potomac Valley Radio Club took top club honors, PVRC submitted 73 logs nearly double that of second place Yankee Clipper Contest club

In Closing

We are riding at the peak of the solar cycle right now, and with it, the fun factor on the bands have really kicked into high gear. These conditions should persist for next year's contest as well, so we can look forward to great participation and conditions once again!

Love RTTY? Love this contest? Sponsor a plaque in the largest RTTY contest in the word!

Winning a plaque in a CQ WW contest is a great achievement, and often times are some of the most coveted awards that one can hang on their shack wall. The opportunity to sponsor plaques is available, and can be great ways to establish regional excellence, or recognize a particular annual competition.

We would like to encourage you to review the plaques awarded in this competition and reach out to the management team if you would like to sponsor on in the future. Rich N1IXF runs this program and can work with you to establish a plaque for your zone for instance, a region of the US, a specific competition and more. If you would like to do this, feel free to contact him via the WPX RTTY Website.

Help us Make your results article more interesting!

We need photos of your efforts! We need your unique stories. A picture speaks a thousand words, and your words enhance them exponentially, tell YOUR stories, and enhance our coverage of this major worldwide RTTY competition. Please keep that in mind as you roll into these contests.

Pictures of operators or teams of operators are the best. Send us yours for a chance to get it published in the WW0RF CQ contest results publication.

For the entire CQ Worldwide RTTY management Team, congratulations to all participants and we look forward to working you in next year's run!

Ed W0YK

Rich N1IXF

Chris N6WM

Band Breakdowns of Top Scorers

WORLD SINGLE OPERATOR ALL BANDS

K1LZ	288/11/36/39	741/22/67/49	962/30/75/51	1190/31/79/49	1060/27/75/39
K5ZD	272/11/32/39	713/22/63/50	828/27/72/51	1070/29/74/46	722/28/81/34
*UB7K	182/9/43/6	509/20/57/33	642/30/83/48	924/30/82/49	655/30/72/46
VE3DZ	274/11/33/41	374/14/41/50	560/24/68/49	883/24/75/44	521/27/70/23
ZY2N	6/4/4/4	120/14/39/16	414/20/50/44	542/24/60/45	1042/23/71/48
PZ5RA	0/0/0/0	108/11/32/22	379/17/53/43	572/23/61/46	968/28/75/53
S53X	180/8/41/2	311/16/55/21	463/26/71/41	503/26/61/48	328/26/46/47
ED8M	61/9/20/15	316/13/45/37	479/22/60/41	347/18/49/39	485/20/62/44
AC0C	86/7/10/26	217/12/32/34	255/20/47/42	749/25/70/40	603/22/66/34
KI6DY	97/6/8/27	252/12/38/43	455/19/49/53	484/23/60/34	457/17/56/16

WORLD SINGLE OPERATOR ASSISTED ALL BANDS

P3X	229/10/47/5	633/24/72/40	1227/33/92/57	1214/32/88/56	1171/32/91/47
UW1M	306/14/56/11	886/26/85/38	1218/32/94/52	1368/31/87/54	952/34/94/47
AA3B	316/10/35/47	835/24/74/54	1007/29/83/57	922/31/89/51	894/29/92/38
SP8R	252/14/56/20	610/30/86/51	849/34/100/57	874/33/97/57	597/36/93/53
IP4X	154/11/53/18	559/29/83/48	802/33/94/59	927/34/96/58	618/36/94/58
ZF2SS	98/12/23/44	435/25/66/56	559/31/77/58	746/33/91/59	909/35/98/56
*TM3Z	306/10/51/21	686/24/77/49	599/34/98/57	567/34/92/58	404/36/90/58
K3MM	253/11/37/41	479/21/66/54	548/26/75/51	709/32/89/50	660/31/89/47
SN7Q	214/11/46/16	328/22/64/38	721/31/81/54	639/31/85/54	419/34/87/48
YO9HP	244/8/49/6	448/25/75/36	691/32/89/45	667/33/90/52	337/35/83/40

WORLD MULTI-OPERATOR SINGLE-TRANSMITTER#

IP4M	277/13/55/26	511/28/77/54	758/34/94/57	901/34/96/57	740/37/99/57
*IQ6AN	256/13/56/23	671/30/86/48	836/34/99/56	735/34/94/56	547/35/89/58
*NP3Y	100/12/38/41	416/23/75/54	789/31/87/58	698/31/90/59	1020/31/90/57
IB9T	149/13/53/20	474/26/77/45	781/33/97/58	881/33/97/57	682/37/102/55
OK5Z	276/14/59/24	415/27/79/48	721/34/101/59	739/34/94/58	630/38/96/59
OK7O	190/12/54/19	437/26/78/49	496/34/96/55	845/34/95/58	675/38/97/56
S51A	318/11/50/13	613/27/75/46	629/32/92/51	490/33/84/56	447/34/88/53
IB9R	179/8/45/8	406/25/72/32	730/33/95/57	669/34/91/55	418/35/93/53
NV9L	130/10/25/38	225/21/58/43	494/30/75/51	812/32/87/41	856/29/86/42
NA7TB	159/13/14/46	425/28/66/52	511/31/79/55	628/32/90/59	731/33/91/55

WORLD MULTI-OPERATOR TWO-TRANSMITTER#

CR3DX	274/12/51/33	1030/25/77/56	1549/34/99/59	2022/34/103/58	2166/35/107/59
EI7M	400/12/54/28	816/24/76/55	1224/33/95/59	1435/34/97/59	1131/37/100/57
NJ4P	206/14/32/48	934/27/75/55	1252/32/89/58	1286/34/101/58	1072/36/103/52
K9CT	294/14/33/51	883/27/75/56	1087/33/92/55	1292/33/99/52	1100/34/98/52
PI4COM	277/11/46/13	760/30/83/51	815/34/96/58	1016/34/96/56	724/35/97/55
UW5Y	311/11/53/19	719/26/78/46	1088/31/87/58	951/31/93/58	634/34/83/49
ED2Y	240/10/44/19	672/24/71/46	932/31/83/59	947/33/88/56	750/32/85/55
OH5Z	350/10/52/3	694/30/83/33	1000/34/94/50	1047/33/99/51	395/36/90/42
DQ2C	255/11/48/9	644/26/79/47	691/32/92/56	777/34/83/56	486/34/81/56
S50W	299/10/50/17	723/25/72/40	722/34/84/54	768/34/88/55	500/33/81/51

WORLD MULTI-OPERATOR MULTI-TRANSMITTER#

CR3W	389/12/53/33	854/27/76/52	1695/34/100/59	1848/33/102/57	1488/34/99/58
9A1A	814/15/60/30	1374/32/93/51	1764/34/102/58	1369/34/98/57	864/38/103/58
IQ9RG	588/14/56/28	866/30/86/46	1756/34/100/59	1216/30/89/54	890/33/95/58
K1SFA	423/12/43/49	748/24/73/55	1083/31/89/57	1408/33/97/53	1241/32/99/49
DP9A	554/11/55/20	822/30/85/47	1175/34/100/50	1020/33/92/57	693/36/97/56
A60A	82/6/33/0	177/18/59/17	594/29/84/42	822/31/91/46	1006/32/92/40
PI4CC	301/11/45/10	454/18/56/43	729/31/88/47	683/31/73/52	495/33/80/52
W3GH	256/7/20/44	601/20/61/50	714/27/71/52	899/28/78/44	614/27/83/35
DM4X	231/10/49/6	471/27/75/46	445/32/84/49	637/33/91/55	450/35/84/54
N6WM	297/12/13/49	365/30/57/51	550/25/62/50	1001/28/76/50	840/32/78/45

Tables show callsign, QSO, zones, countries, and states for each band.

Top Scores – WORLD

SINGLE OPERATOR HIGH POWER

All Bands

K1LZ (LU9ESD).....6,853,720
K5ZD.....5,828,855
VE3DZ.....3,950,100
ZY2N (PY2MNL).....2,855,648
PZ5RA.....2,737,136
S53X.....2,231,485
ED8M (EA8BW).....2,073,812
AC0C.....2,063,419
KI6DY.....1,941,271
YT3D.....1,885,000

28 MHz

D4L (IK2NCJ).....970,784
VK9DX.....641,258
LT3E (LU5DF).....597,300
G8X (G4FJK).....440,328
DL3BQA.....406,912
UN3M.....207,045
YT8A (YU1EA).....200,880
I7CSB.....168,300
UA0SR.....139,072
JH6WDG.....137,610

21 MHz

MW7C (M5RIC).....678,304
SN5X (SP5GRM).....577,200
KU2M.....460,638
S51MM.....458,326
7S2A (SA2SAA).....341,850
PY2QT.....327,825
JA6ZPR (JR6CKX).....268,926
JR3RIY.....211,110
TM5T (F5VKT).....201,478
G9D (G6NHU).....164,578

14 MHz

HK1T.....686,400
WQ5OO (N8OO).....675,154
CE1KV.....182,347
NB2P.....162,316
VK4AFU.....64,400
VJ3O (VK3TX).....60,078
JA9CWJ.....58,485
TA4A.....38,272
JA7LLL.....37,492
SQ9DXT.....24,566

7 MHz

DM3W (DM6DX).....294,354
S51CK.....265,926
IK0REP.....160,425
ED8W (EA8DO).....153,870
XE2X.....129,027
I5WNN.....76,630
JH3FUK.....54,540
IZ2BVC.....50,688
IK1BPL.....35,584
LA0GE.....27,404

3.5 MHz

ME5W.....66,744
OK1DX.....54,717
4L2M.....28,294
ES8GP.....15,552
JE2OTM.....874
JA5NSR.....30

LOW POWER

All Bands

UB7K 4,280,980
CT7BJG 1,481,844
PY2UD 1,461,978
EF3T (EA3FZT) 1,217,700
ON4CT 1,124,848
VE6BBP 1,086,886
EA3CI 1,020,513
KG9X 980,287
NG1M 922,208
JS1OYN 911,923

28 MHz

EA8DED (OH2BP) 691,548
PY2CX 243,586
JH6WHN 230,078
KH6ZM 168,861
E25KAE 152,418
VU2IBI 137,520
JK6DXD 114,924
R4KB 113,390
4M1F (YV1JGT) 108,206
JF3IYW/2 107,755

21 MHz

EA8KR 770,224
AI6O 424,767
WP4WW (KP4JRS) 289,289
KH6AQ 269,516
M1B (G1YBB) 235,814
J35X 220,668
VA3SP 154,602
UT7W (UR5WCW) 149,495
PY1KV 124,866
LZ3QE 122,733

14 MHz

CT3HY 326,172
VO2VC 220,220
IP9P 212,268
SX8AS (SV3SKM) 151,905
W1QK 143,002
UT5EPP 141,048
PY2NY 137,195
YO9BCM 117,327
SN6S (SP6ZC) 115,625
VA7KO 109,998

7 MHz

F1DHX (@F6KNB) 284,970
G4N (G4ZVB) 176,440
LZ1MC 141,120
IW1PNJ 131,289
G4SJX 91,180
DL1AIW 72,072
ON3UN 58,880
CO2JD 50,400
SV1CDN 46,125
YO6BGT 35,478

3.5 MHz

F5BEG 56,140
I3PXN 45,322
OK2HBR 29,350
ER3PM 23,406
EA3MR 18,877
E79D 10,840
DL8MKG 7,360
CT1BWU 6,660
DA0T (DL7AT) 5,810
I4JEE 544

QRP

All Band

K2YG.....730,000
EE3O (EA3O).....476,721
DL3SYA.....356,356
EA6/DK9IP (DK9IP).....314,875
HG6C (HA6IAM).....269,280
GM5LOW (GM4UBJ).....255,068
YL3FW.....229,460
WA3LXD.....215,445
JH7UJU.....194,788
DL5CV.....179,872

28 MHz

N8URE.....39,858
VA3RTG.....36,635
CO6EC.....22,230
SP4NKJ.....18,876
LY5G.....18,288
IZ2JPN.....16,940
JA6VZB.....15,960
KZ5DX (K2FF).....11,842
YD1IKE.....4,760
G5D (M1EYP).....4,346

21 MHz

JA6GCE.....137,768
EA4IE.....92,230
SP4LVK.....44,717
SP4LO.....41,552
EA7JTP.....32,494
IV3LNQ.....31,789
YO3DAC.....29,960
JR2EKD.....20,513
CO2AJ.....19,656
JR1NKN.....19,430

14 MHz

YU1NR.....60,291
SQ4CTS.....36,113
AA5KD.....27,209
SP4NKK.....24,412
JM1NKT.....21,920
SQ8W.....20,726
RZ3Z/P.....18,780
EW8G.....17,110
YF3AWZ.....15,678
SV9/DL2TM.....6,678

7 MHz

YO4BEW.....35,052
OK6K (OK5IM).....19,544
IZ4AIF.....3,115
JH3DMQ.....1,525
DK1RF.....1,027
EF5U (EA5U).....192

3.5 MHz%

ON3DI.....26,280
YO9RYI.....1,081
VE3LDE.....242
YF3AKQ.....2

SINGLE OPERATOR ASSISTED HIGH POWER

All Bands

P3X (M0SDX).....9,283,362
UW1M (UR5MW).....7,797,640
AA3B.....7,080,047
SP8R (SQ9UM).....6,412,633
IP4X (IT9RGY).....6,188,388
ZF2SS (KO7SS).....5,165,404
K3MM.....4,614,480
SN7Q (SP7GIQ).....4,058,262
YO9HP.....3,924,854
OR3A (ON6CC).....3,560,400

28 MHz

PX2A (PY2XV).....1,002,980
9A5Y (9A7DX).....628,430
V55Y (V51WH).....605,675
SN2M (SP2XF).....565,212
YT1X.....520,666
IK2TDM.....478,210
N6SS.....446,405
IB9U (IT9XTP).....417,972
OM5ZW.....379,435
JH3AIU.....377,484

21 MHz

FY5KE (F5UII).....1,035,368
9A5D (9A5DU).....657,138
OG66X (OH8WW).....496,248
EC1A.....483,813
K4EA.....475,066
N7AT (K8IA).....443,344
LZ4AE.....437,040
AA5AU.....411,700
S53F.....411,070
M7W (G3TBK).....381,655

14 MHz

IP1M (IZ1LBG).....862,466
YT3X.....760,480
F6PTT (F4DVX @F6KNB).....714,722
IZ1PKV.....417,200
OH8A (OH8GDU).....315,684
RA9AU.....229,812
HA8BE.....193,120
EA7KP.....137,335
WW4LL.....127,360
GW4BKG.....119,769

7 MHz

S52X.....415,702
GW0A (GW4SKA).....391,530
NA3M.....289,456
G7SLP (A65DR).....248,196
SV2JAO.....193,316
S51J.....184,960
MM1E (MM0GOR).....97,500
OE5TXF (G3TXF).....95,127
IO3X (IV3JCC).....58,380
IZ3GFZ.....57,665

3.5 MHz

HA1TJ.....156,946
IK1HJS.....118,464
LX5M (LX1ER).....108,948
S56AS.....102,680
OL7P (OK1CRM).....47,296
IV3RYP.....41,990
SV2BFN.....28,910
LZ2XA.....19,239
ON4TTT.....16,744
II1Y (IU1JCZ).....10,488

LOW POWER%

All Bands

TM3Z (F4DSK).....5,031,453
EE4Y (EA4GOY).....3,540,037
KI1G.....2,778,633
UT4LW.....2,549,088
DJ4MX.....2,285,852
OM2ADM.....2,265,165
PA4O.....2,141,490
VE2CSM 1,756,708
MW9W (GW0KRL) 1,452,939
OK2WY 1,384,614

28 MHz

AZ1D (LU4DJB) 434,668
PY1FI 423,168
PU2VLW 399,630
EE4M (EA4HPY) 322,737
T77CX (IK4DCX) 238,368
V26OC (N3OC) 228,240
EA1ACP 223,602
UN6LN 220,748
5B4AIF (5B4AIE) 176,601
PY2XC 173,610

21 MHz

YL1ZF 487,506
PY1ZV 269,120
HA8TKS 264,264
IT9STX 249,789
SV2AEL 241,740
9A1CCY (9A3BBF) 224,230
R9YU 190,800
PU2UAF 163,346
UA3PI 143,696
G9F (G4BVY) 108,240

14 MHz

LZ6DX 364,080
IZ8EFD 303,525
M5P (M5BIR) 265,149
IW2MXY 212,520
EA5XA 102,486
PY4XX 82,360
EA3AKA 71,910
M4N (G4IZZ) 71,609
IZ3IBL 69,300
LU1HLH 67,266

7 MHz

G3WW 189,696
UZ1WW 160,230
YT9VM 128,838
WA1FCN 111,315
HA6NL 96,138
E7AA (E70Y) 95,942
Z35Z 88,815
DL4ME 78,376
SV3FUP 51,543
EA3IAZ 49,612

3.5 MHz

DF1MM 57,510
II4C (IK4RVG) 48,360
SP1D 46,252
HA8WY 35,136
EW8KO 23,192
VA3FF 17,043
IT9RZU 16,944
YL2KF 3,306

QRP

All Band

LY2F 1,650,380
EA2AZ 432,411
W7RY 289,114
PY2PLL 212,420
YU1LM 191,499
M7WLT 180,978
JA4XHF/3 157,941
UN8PT 157,297
PE2K 153,408
IZ3NVR 137,760

28 MHz

JA6WFM 111,683
VA3UAP 50,964
G3P (G3WPH) 47,817
TA1BM 18,864
JM4WUZ 275
VA3HY 224
K5ND 80

21 MHz

HG3DX (HA1DAE).....265,457
HI6M.....149,940
YB1IUQ.....3,737
LN5O (LB3RE).....1,066
GW0EGH.....77

14 MHz

SF0A (SM0LPO).....48,818
ON4BHQ.....46,552
HI3K.....28,512
M0PLA.....21,120
4O4A.....15,568
IZ2QKG.....2,340
RA5W.....924
YC3AVB.....209

7 MHz

IZ3KNK.....42,624
K4XL.....7,980
VA3TSS.....5,992
YD3ASV.....336

3.5 MHz

UT3N (UT3NK).....10,878
VA3OGG.....5,472

MULTI-OP SINGLE-TRANSMITTER

HIGH POWER

IP4M.....6,369,766
IB9T.....5,782,403
OK5Z.....5,731,744
OK7O.....5,356,287
S51A.....4,180,195
IB9R.....4,045,056
NV9L.....3,984,620
NA7TB.....3,941,712
DP6A.....3,924,789
HG7T.....3,867,116

LOW POWER

IQ6AN.....5,947,874
NP3Y.....5,795,643
IO3F.....3,494,329
VE3EID.....3,063,676
KA4RRU.....2,842,616
N4SS.....2,213,517
ES7A.....1,972,905
NM4AA.....1,810,570
9A1HBC.....1,331,034
LZ8T.....1,152,432

MULTI-OP TWO-TRANSMITTER

CR3DX.....17,387,300
EI7M.....10,160,620
NJ4P.....8,969,466
K9CT.....8,568,228
PI4COM.....7,155,795
UW5Y.....6,767,580
ED2Y.....6,071,264
OH5Z.....5,814,920
DQ2C.....5,173,776
S50W.....5,114,928

MULTI-OP MULTI-TRANSMITTER

CR3W.....14,877,234
9A1A.....12,938,096
IQ9RG.....9,848,748
K1SFA.....8,999,576
DP9A.....8,168,116
A60A.....4,676,040
PI4CC.....4,178,790
W3GH.....4,158,916
DM4X.....3,998,210
N6WM.....3,880,226

ROOKIE

HIGH POWER

IP0O (IU0PVM).....2,204,400
DM1KM.....306,880
IV3JAK.....175,168
WB5SKM.....169,442
YB7UFI.....67,850
OM1BC.....17,325
DL4JC.....8,880
YF3AQV.....8,083
YC3BWK.....4

LOW POWER

OM2ADM.....2,265,165
K1DC.....1,334,807
DM1SV.....301,063
LU2PWY.....226,096
M7WLT.....180,978
SA6JOF.....141,540
AC1PK.....140,304
DK4CN.....95,407
OE5HMR.....90,134
PY1WK.....69,472

CLASSIC

HIGH POWER

ED8M (EA8BW) 2,073,812
KI6DY 1,941,271
YT3D 1,885,000
RW1A 1,688,200
AE1P 1,614,588
WQ5L 1,393,938
EU8U 1,293,200
PC0A 1,253,159
I4JED 1,081,439
LU6ETB 916,839

LOW POWER

ON4CT 1,124,848
EA3CI 1,020,513
KG9X 980,287
VA1XH 821,431
JH7QXJ 782,673
LA5LJA 726,012
4U1A (OE1ZZZ) 668,265
9H1CG 657,305
NN5T 625,911
IK7NXU 625,672

YOUTH

HIGH POWER

9A2ZI.....2,132,310
KI7PPV.....85,075
SQ8L.....9,520
HB9GZJ.....378

LOW POWER

DJ4MX.....2,285,852
WT5A.....409,366
YO8OLY.....264,864
N4ML.....245,313
SV8SYK.....142,352
M9B (M0LKW).....33,532
KF0RBR.....24,794
YF2AZV.....22,713
YU2NPC.....21,142
BI1NEI.....10,880

EXPLORER

SINGLE-OP HIGH POWER

RG9A.....3,683,082
SP5LST.....1,828,128
S53K.....1,373,922
OH8GBO.....204,368
VU2ZMK.....31,616
YE3FZR.....8,385

EXPLORER

MULTI-OP HIGH POWER

SO4R.....2,319,835
EA4URE.....1,666,412
IQ3PN.....969,474
PI4X.....337,029